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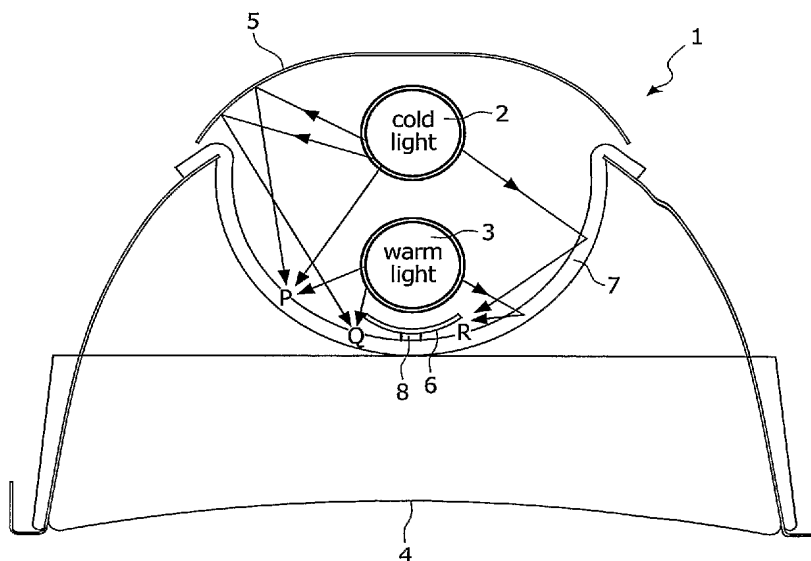
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(54) Title: LAMPS AND REFLECTOR ARRANGEMENT FOR COLOR MIXING



(57) Abstract: A luminaire (1) suitable for color mixing of light originating from lamps (2, 3, 9, 10, 11) having different color properties. Has reflectors (5, 6, 12) configured to provide an equal ratio of partial illuminance for each of the color properties at each position of a translucent element, e.g. a diffusor (7). This provides a very uniform color mixing as well as the possibility of adjusting the color properties of the luminaire (1) merely by adjusting the brightness of one or more of the lamps (2, 3, 9, 10, 11). The reflectors may include top reflectors (5), side reflectors (12) and/or shielding reflectors (6) positioned between the lamps (2, 3, 9, 10, 11) and the exit window (4). The shielding reflectors (6) may be configured to partly reflect and partly transmit light. Furthermore, an array of luminaires having these properties.

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